

KEYED NOTES:

- 1 LANL'S SUPPORT SERVICES SUBCONTRACTOR (SSS) WILL FURNISH, INSTALL, AND ADJUST PRESSURE OF GAS REGULATORS.
- 2 CONTRACTOR SHALL TERMINATE PIPING WITH A THREADED CAP OR PLUG AND ALLOW SUFFICIENT HORIZONTAL SPACE, 5-10 FEET, BETWEEN TERMINATION POINTS FOR INSTALLATION OF REGULATOR STATION.
- 3 LOCATE REGULATORS NOT LESS THAN 10 FEET HORIZONTALLY FROM INTAKE AIR DEVICES (LOUVERS, FANS, ETC).
- BOND ABOVE GROUND PIPING TO ELECTRICAL GROUNDING SYSTEM. BOND TO GAS PIPING AT SUITABLE LOCATION DOWNSTREAM OF LOW PRESSURE REGULATOR AND UPSTREAM OF GAS APPLIANCE SHUT-OFF VALVE. COMPLY WITH NEC.
- 5 BOND GAS PIPING LOCATED WITHIN 6 FEET OF A LIGHTNING PROTECTION CONDUCTOR TO THE CONDUCTOR PER NFPA 780. BOND TO GAS PIPING AT SUITABLE EXTERIOR LOCATION DOWN-STREAM OF LOW PRESSURE REGULATOR.

OUTLET PRESSURE	REGULATOR MAX. CAPACITY (SCFH) AT 0.6 S.G.	ORIFICE SIZE	SPRING NUMBER					
FISHER REGULATOR S402 (CAPACITIES BASED ON 20 PSIG INLET PRESSURE)								
7" WC	520 1060 1660	1/8 3/16 1/4	T13527-T0012 (YELLOW)					
1 PSIG	510 1130 2000	1/8 3/16 1/4	T13564-T0012 (GRAY)					
2 PSIG	490 1020 2020	1/8 3/16 1/4	T13536-T0012 (BLUE)					

FISHER REGULATOR 627R (CAPACITIES BASED ON 60 PSIG INLET PRESSURE)							
20 PSIG	640 1170 2630	3/32 1/8 3/16	10B3077-X012 (GREEN)				

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2	DATE	CLASS REV		DESCRIPTION					VER	푠	5UB	
FACILITY & WASTE OPERATIONS SYSTEMS ENGINEERING & MAINTENANCE												
LANL ENGINEERING MANUAL							OR.	DRAWN		R.PEARSON		
					DES	DESIGN		J.90NZALES				
gas regulator station detail Two stage, low flow					CHECKED		из	N.SMITHDUR				
BLDG, X TA-X						DATE		5-2	5-25-99			
SUBM	ITTED					APPROVED FOR R	ELEASE					
DISCI	DISCIPLINE POC: E. HOTH STANDARDS MANAGER: TOBIN GRUCH											
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PO BOX 1863 RAYIONAL LATOMATORY Lap Alomba, New Mexico 87648							1	٥	F	5		
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